



Atempo Digital Archive and Permabit Enterprise Archive

Today, the data explosion challenge is being driven by a surge in rich media content and an increasing demand for information. Data, some of which is critical to run a business, must be protected and preserved for long periods of time, often with stringent SLAs and recovery requirements.

Traditionally, companies have relied on primary storage combined with backup and recovery technology to address these challenges. In that model, non-critical data was eventually removed from primary storage and, from that point on, was only available from backups. But with the enormous growth of data, it has become much more difficult to determine which data is business-critical. Rather than face this decision, many organizations have simply left all files on primary storage. With today's increasing storage requirements, soaring operational costs, and flat IT budgets, these technologies simply cannot keep up with current and future demands.

The Joint Solution

Now there is an effective, ready-to-deploy solution to the growing demand for storage in the enterprise. Organizations can combine solutions from Atempo and Permabit to create a file archival solution that is both scalable and cost-effective. The combination enables organizations to:

- ⊙ Substantially reduce storage costs
- ⊙ Lower management costs by centrally managing over 3 petabytes of storage
- ⊙ Shrink backup windows
- ⊙ Protect information both onsite and at secure remote locations

Atempo Digital Archive automatically migrates fixed content files from expensive primary storage to the low-cost Permabit Enterprise Archive. Permabit's Scalable Data Reduction™ (SDR) provides substantial storage savings on redundant data. Atempo Digital Archive can also provide end-user access to the archive through a dedicated user interface and enable end-users to archive a file when they feel the need for it, without waiting for an archiving policy to execute.

Joint Solution Features

- Fully certified end-to-end digital archiving solution
- Migrates data transparently
- Simple desktop interface for end-users
- RAIN-EC data protection ensures that data is always secure and available
- SDR provides high-performance data deduplication

Joint Solution Benefits

- Substantial storage savings
- Reduced backup and management costs
- Fast, disk-speed access to data
- End-users have on-demand access to archive files without administrator intervention

"Permabit offers what is arguably the most massively scalable value tier storage solution available today, based around a storage grid architecture. Unique Permabit features, such as SDR and RAIN-EC, are specifically designed to store massive amounts of data reliably and cost-effectively. Permabit's Data Center Series is a proven, purpose-built solution boasting referenceable customers, each with hundreds of TBs under archive management today. They should be on the short list of any enterprise looking for a massively scalable, disk-based archiving solution."

— Eric Burgener
Taneja Group

Joint Solution – Key Features

- Fully certified end-to-end solution for archiving digital information stored on Windows, Mac, Linux, UNIX, and NAS filesystems.
- Transparently relocates fixed content from expensive primary storage to low cost data-reduced storage.
- Data archival can be performed manually or automated, with metadata created automatically.
- A simple, fully-integrated desktop interface makes it easy for end-users to archive and retrieve data.
- Centralized administration enables IT to define enterprise archival policy.
- Advanced metadata and full content search capabilities make information retrieval easy and work individually or on a project basis.
- Permabit's RAIN-EC storage grid provides advanced data protection from multiple simultaneous failures, ensuring that information archives are always secure and available.
- Permabit's Scalable Data Reduction™ (SDR) technology combines compression with high performance sub-file data deduplication, resulting in substantial cost savings.
- The Permabit Enterprise Archive's Replication subsystem leverages SDR technology, increasing performance and reducing bandwidth requirements for offsite replication.
- File-level WORM capabilities address regulatory requirements for corporate governance, compliance, and litigation support.
- Automated monitoring with integrated SNMP and email (SMTP) event notification allows true lights-out management.
- Supports thousands of standard and home-grown applications without the need for custom adapters or scripting.

The Benefits

Combining Atempo Digital Archive with Permabit Enterprise Archive provides a complete archive solution that reduces both overall equipment cost and operational expense. The combined Atempo-Permabit solution delivers important benefits including:

- A fully certified end-to-end solution
- Substantial cost savings on storage hardware
- Reduced backup costs and improved efficiency through shortened backup windows
- Reduced management costs with a single centralized pool of storage
- Support for the most popular operating environments
- End user direct access to the archive enables on-demand file archival without administrator intervention
- Fast disk-based access to business-critical records
- Regulatory compliance designed to address requirements for non-erasable storage, including SEC Rule 17a-4

Atempo Digital Archive

Atempo Digital Archive is a software solution dedicated to the archival of digital information stored on any file server. Built on an open architecture, it seamlessly integrates into existing storage infrastructure. Driven by internal company policy, the archiving of data can be done automatically according to policies setup by the administrator. These policies enable administrators to easily and automatically enforce the movement of fixed content data from expensive disk storage to less expensive long term media (disk or tape). Additionally, authorized users can create their own archiving folders and send the data to the archive as demanded by simply dragging and dropping the data into the archive folder. Archived information is indexed, easily searchable, and accessible until it reaches the end of its life.

Permabit Enterprise Archive

Permabit Enterprise Archive is the only enterprise-class, disk-based storage system to archive data at a fraction of the cost of tape. The system combines space saving compression and deduplication with multi-petabyte scalability while providing Scalable Data Reduction™ (SDR). At the heart of the system is a unique redundant storage grid that provides scalable performance and industry-leading data protection while making expensive data migration a thing of the past. With Permabit Enterprise Archive, companies can keep up with their growing information storage while implementing the most advanced, least costly, and easiest to manage archive solution – and they can do it today.

Atempo

About Atempo

Atempo enables organizations to protect, manage, archive, and recover digital information simply and effectively, across any infrastructure, on any platform, over any period of time. Atempo's portfolio of integrated software solutions simplifies the management of data throughout its entire lifecycle. Atempo serves thousands of customers around the world through a sales and support network of over 200 resellers and partners.

[Learn more at www.atempo.com](http://www.atempo.com)



About Permabit

Permabit delivers next-generation disk-based archiving solutions that dramatically reduce primary storage costs. With patented technology, the Permabit Enterprise Archive™ provides a massively scalable disk archive that costs a fraction of what it takes to manage tape or optical, with advanced data protection and reduction technologies that offer decades of reliable information access. Permabit is Gartner's 2009 "Cool Vendor of the Year" in Archiving.

[Learn more at www.permabit.com](http://www.permabit.com)